"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.

Shaping metals in plastic state by pressure. Mashinostroitel' no.10:17 O '59. (MIRA 13:2)
(Forging)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.

Improving the quality of service to clients. Avt.transp. 32 no.4:9 Ap '54. (MLRA 7:6)

1. Zamestitel' nachal'nika Kirovskogo oblastnogo upravleniya doroshnogo i transportnogo khozyaystva. (Transportation, Automotive)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.

SAVIN, I.

Driver training schools have animated the work. Za rul. no.12:4 D '57. (MIRA 11:1)

1.Predsedatel' Shvenchenskogo rayonnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Lithuania--Automobile drivers)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.

Keeping 20 cows on 100 hectares. Nauka i pered.op.v sel'khoz. 9 no.1:37-39 Ja '59. (MIRA 13:3)
(Bol'shakovo District(Kaliningrad Province)--Stock and stockbreeding)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

BAKUNTS, V.S., inzhener; BAKINOVSKIY, K.L., inzhener; ALEKSEYENKO, S.A.; PRYAKHIN, inzhener; PILILYAN, D.G. (Krasnodar); TEREKHOV, P.A., inzhener; KLEYN, R.N., inzhener (Leningrad); GASSOKH, A., inzhener; GUSEV, T; ALEKSANDROV, elektromonter (Omskaya oblast'); SAVIN, I.A., inzhener; KOLOMEYETS, I. (Omskaya oblast').

Arranging and insulating the ground wire of aerial lines. Energetik 1 no.6: 32-35 N '53. (MLRA 6:11)

1. Zakavkaztsvetmetstroy, g. Yerevan (for Bakunts). 2. Belenergostroy, g. Minsk (for Bakinovskiy). 3. Stalinskaya zheleznaya doroga, g. Zaporozh'ye (for Alekseyenko). 4. Sel'elektro, g. Sumy (for Terekhov). 5. Glavsel'-elektro, Komi ASSR (for Gassokh). 6. Gorelektroset', g. Shcherbakov (for Gusev). 7. Gorodskaya elektrostantsiya, g. Valuyki (for Aleksandrov). 8. Oblsel'khozproyekt, g. Pskov (for Savin).

(Electric lines--Overhead)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.

Summer in Sakhalin. Sov.shakht. 10 no.6:33 Je '61. (MIRA 14:9)

1. Sekretar' Sakhalinskogo obkom profsoyuza ugol'shchikov.
(Sakhalin—Labor rest homes)
(Coal miners)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN

MATULENKO, Yu.A.; SAVIN, I.A.; STAVINSKIY, V.S.

Using the method of Vavilov-Cherenkov radiation interference for measuring the speed of particles. Prib.i tekh.eksp.no.3:44-45 N-D '56. (MLRA 10:2)

1. Elektrofizicheskaya laboratoriya AN SSSR.
(Inerferometry) (Particles, Elementary--Measurement)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

S/056/60/038/02/20/061
B006/B011

24.6910

AUTHORS: Tiyanov, N. M., Voronko, A. S., Yerokhovets, G. G., Kirillov, I. D., Kulakov, B. A., Lyubimov, A. L., Mabulenko, Yu. A., Sarin, P. A., Smirnov, Ye. V., Strunov, L. N., Chuvilo, I. V.

TITLE: Channel for Antiprotons With a Momentum of 2.8 Bev/c

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960, Vol. 38, No. 2, pp. 445-448

TEXT: The authors of the present paper describe a channel built for the investigation of the interaction of antiprotons in a cloud chamber. Antiprotons were produced by 9-Bev protons in a target. Fig. 1 is a schematic representation of the channel described in the following. The antiprotons were identified from their velocity (β = 0.95) by means of three Cherenkov counters, each of which was provided with two photomultipliers of the type ФЭУ-33 (FEU-33) whose efficiencies are specified in table 1. The efficiencies attained with different coincidence combinations are given in Table 2 and 3. Fig. 2 shows a block diagram of the electronic

Channel for Antiprotons With a Momentum of 2.8 Bev/c

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B006/B011

82019

system, and respective data are supplied in table 4. The efficiency of the scheme described with respect to antiprotons is found to be 60-40%. Some tests are briefly described next. If the gates discussed here, the authors determined the ratio of the number of $\bar{p}$ with momenta of (2.8±15) Bev/c to the number of all resulting particles (which were chiefly π^--mesons) from the beryllium target (16 g/cm²) under the angles 0 and 7°, and from a copper target (~100 g/cm²) under 7° with respect to the primary proton beam (8.1 - 8.9 Bev). At an intensity of 10^{12} of the inner beam, an average of 1 $\bar{p}$ was recorded within four minutes. Results:

Angle	target	proton beam intensity	particle number in the channel	relative number of antiprotons in the beam
0°	Be	10^9	1000	$(1.05_{-0.15}).10^{-4}$
7°	Be	10^9	~700	$(1.37_{-0.18}).10^{-4}$
7°	Cu	10^9	~700	$(2.42_{-0.33}).10^{-4}$

The number of particles recorded in the channel agrees with data concern-

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Channel for Antiprotons With a Momentum of 2.8 Bev/c

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ing 9-Bev proton interactions in emulsions (Ref. 4). The increase in the relative number of antiprotons in the transition from 0 to 7° in the laboratory system agrees with predictions made on the strength of the statistical theory. By considering pion absorption ($\sigma_a \sim 30$ mb) and antiproton absorption ($\sigma_a \sim 60$ mb) as well as the attenuation of the beam of primary protons ($\sigma_{in} \sim 30$ mb), the ratio of the differential production cross sections of $\bar{p}$ and π^--mesons with 2.8 Bev/c under 0° in the laboratory system is found to be $\frac{d^2\sigma_{\bar{p}}}{d\Omega dp} / \frac{d^2\sigma_{\pi^-}}{d\Omega dp} \sim 1.5 \cdot 10^{-4}$.

There are 2 figures, 5 tables, and 4 references: 3 Soviet, 1 Italian, and 1 International (CERN).

ASSOCIATION: Obʺyedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: September 3, 1959

Card 3/3

SOVIET

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOVENKO, A.S.; GOLOVANOV, L.B.; KULAKOV, B.A.; LYUBIMOV, A.L.; MATULENKO, Yu.A.; SAVIN, I.A.; SMIRNOV, Ye.V.

[Total cross sections of π^--meson interaction with protons at high energies] Polnye secheniia vzaimodeistviia π^--mezonov s protonami pri vysokikh energiiakh. Dubna, Ob"edinennyi institut iadernykh issledovanii, 1961. 11 p. (MIRA 14:11)
(Mesons) (Protons)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOVENKO, A.S.; KULAKOV, B.A.; LIKHACHEV, M.F.; LYUBIMOV, A.L.; MATYLENKO, Yu.A.; SAVIN, I.A.; STAVINSKIY, V.S.

[Differential Cherenkov gas counters] Differentsial'nyi gazovyi cherenkovskii schetchik. Dubna, Ob"edinennyi institut iadernykh issledovanii, 1961. 11 p. (MIRA 14:10)
(Nuclear counters)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VIRYASOV, N.M.; VOVENKO, A.S.; VOROB'YEV, G.G.; KIRILLOV, A.D.; KIM KHI IN; KULAKOV, B.A.; LYUBIMOV, A.L.; MATULENKO, Yu.A.; SAVIN, I.A.; SMIRNOV, Ye.V.; STRUNOV, L.N.; CHUVILO, I.V.

Channel for 2.8 Bev/c momentum antiprotons. Zhur.eksp.i teor.fiz. 38 no.2:445-448 F '60. (MIRA 14:5)

1. Ob"yedinennyy institut yadernykh issledovaniy.
(Particle accelerators) (Protons)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I A

20677
S/120/61/000/001/008/062
E032/E314

21,5300

AUTHORS: Belyakov, A.N., Vovenko, A.S., Kirillov, A.D., Kulakov, B.A., Lyubimov, A.L., Matulenko, Yu. A. and Savin, I.A.

TITLE: Gas-filled Threshold Cherenkov Counters for Accelerator Experiments

PERIODICAL: Pribory i tekhnika eksperimenta, 1961, No. 1, pp. 32 - 35

TEXT: The velocity analysis of fast particles ($\beta \sim 1$) by Cherenkov counters, using the dependence of the threshold or angle of Cherenkov emission on the velocity, is possible if the refractive index of the medium is close to unity. This condition is satisfied only by faseous media. The present paper describes two gas-filled Cherenkov counters. One of them (supplied by Yu.A. Troyan, L.S. Okhrimenko and S.V. Mukhin) was an experimental counter which was used in studies designed to establish whether it is possible to separate out rare particles against a background of other particles. The second counter was designed for work in the

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Gas-filled Threshold ....

π^- and K-meson beams of the synchrophasotron of the Joint Institute for Nuclear Research. The first of the above counters is shown in Fig. 1, in which 1 -is the steel body, 2 - is a glass tube 30 mm in diameter and covered with a film of aluminium on the inner surface, 3 - is a hollow light pipe, 4 - is a perspex window and 5 -is an FEU-33 (FEU-33) photomultiplier, Fig. 2 shows the second of the above counters, in which 1 is the steel body, 2 is a polished dural tube, 80 mm in diameter and coated with an organic film and then an aluminium film on the inner surface, 4 is a quartz window and 5 is an FEU-33 photomultiplier. The first counter (C_1) was used in the π^- meson beam of the synchrocyclotron of the Joint Institute of Nuclear Research. The energy was 300 MeV. The second counter (C_2) was used in the beam of positive particles of the synchrophasotron of the above institute (largely π^+-mesons and protons) the momentum being $\sim$ 3 GeV/c. In both cases, the Cherenkov counter was

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Gas-filled Threshold ....

connected in coincidence with a scintillation monitor telescope whose counters had a diameter slightly smaller than the diameter of the Cherenkov counter. The Cherenkov counter was arranged as shown in Fig. 3. C in this figure represents the scintillation counters, YP -1a represent amplifiers, the rectangular block in the centre of the figure indicates the position of the Cherenkov counter and the three rectangular blocks on the righthand side of the figure are coincidence circuits with resolving times as indicated. In these experiments the ratio $m = N_2/N_3$ was measured. Fig. 4 shows the counter (filled with air). Curve a refers to a kinetic energy $E_k^{\pi^-} = 297$ MeV and Curve b to $E_k^{\pi^-} = 280$ MeV . p_μ^a, p_μ^b, $p_{\pi^-}^a$, $p_{\pi^-}^b$ indicate the threshold pressures of the a and b curves for μ and π^- -mesons, respectively, Curve b was taken with a telescope containing a Cherenkov counter which was more sensitive to μ-mesons than π^--mesons.

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Gas-filled Threshold ....

Fig. 5 shows the ratio m as a function of pressure in atm. for the C_1 counter filled with ethylene ($E_k^{\pi} = 392$ MeV). It is clear from Figs. 4 and 5 that it is possible to separate out μ-mesons in a beam of π-mesons. Fig. 6 shows the dependence of m on the pressure for the C_2 counter filled with air. This curve was obtained for a beam containing 40% π-mesons and 60% protons. p_{μ} and p_{π} show the threshold pressures for μ- and π-mesons. It is concluded that particle separation is possible with these counters. There are 6 figures and 1 non-Soviet reference.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: February 13, 1960

Card 4/4

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.A.

3

S/120/62/000/002/009/047
E039/E520

AUTHORS: Vovenko, A.S., Kulakov, B.A., Likhachev, M.F., Lyubimov, A.L., Matulenko, Yu.A., Savin, I.A. and Stavinskiy, V.S.

TITLE: A differential gas Cherenkov counter

PERIODICAL: Pribory i tekhnika eksperimenta, no.2, 1962, 49-52

TEXT: A detailed description is given of a differential gas Cherenkov counter developed in the high energy laboratory of OIYaI in 1959 and used in the beam of the synchrophasotron for the detection of K-mesons in pulses of 3-5 GeV. Cherenkov radiation from particles moving through the gas in the counter is focused by a spherical aluminium coated mirror onto a circular diaphragm placed in front of a perspex plug through which the light passes and is detected with a ФЭУ-24 (FEU-24) photomultiplier. The plane of the photocathode is perpendicular to the direction of the particle beam, which has a maximum diameter of 10 cm, and the axis of the photomultiplier is displaced about 12 cm from it. A more detailed discussion of the optical aberrations is given. The radiation tube is about 1.5 m long and is lined with black velvet to reduce the background count; this

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3

A differential gas Cherenkov counter S/120/62/000/002/009/047
E039/E520

reduced the effective working length to 0.7 m. A photomultiplier with high quantum efficiency and large amplification is necessary and the electronic circuitry is sensitive to a pulse corresponding to one photoelectron from the cathode of the photomultiplier. The variation of efficiency with air pressure was determined and it is shown that a background count appears at pressures greater than $\sim$ 25 atm. This background can be reduced further, to $\sim$ 1 to 2%, by using gases such as ethane and ethylene. Peak efficiency is at about 10 atm for air and K-mesons and π -mesons can be separated in pulses up to 6 GeV/s. There are 4 figures.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy (Joint Institute for Nuclear Research)

SUBMITTED: August 17, 1961

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

Total π^--p interaction cross...

$$4\pi\lambda \operatorname{Im} A_n^0 = (1/\sqrt{2})\,|\sigma_t(\pi^-, p) - \sigma_t(\pi^+, p)|$$

$\sigma_{\pi} = 0.012$ and 0.003, respectively. A_{π}^0 and A_{γ}^0 are the amplitudes of the charge exchange processes ($\pi^0 p \to \pi^+ n$, $\pi^- p \to \pi^0 n$) and of the elastic scattering under the angle 0^0, σ_{π} and σ_{γ} are the total charge exchange cross section and the elastic scattering cross section. The two values of σ_{π} were obtained at $\sigma_{\gamma} \approx 5.5$ millibarn with $\sigma_t(\pi^-, p) - \sigma_t(\pi^+, p) = 1$ millibarn, and $\sigma_t(\pi^-, p) - \sigma_t(\pi^+, p) = 2$ millibarn, respectively. The data of other authors (G. von Dardel et al., Phys. Rev. Lett., 7, 127, 1961) are in good agreement with the results obtained here. I. Ya. Pomeranchuk and L. B. Okun' are mentioned. There are 2 figures, 1 table, and 17 references: 11 Soviet and 6 non-Soviet. The four most recent references to English-language publications read as follows: V. N. Gribov, Nucl. Phys., 22, 249, 1961; G. von Dardel et al., Phys. Rev. Lett., 5, 333, 1960; A. S. Vovenko et al., Proc. of the 1960 Ann. Intern. Conf. on High Energy Physics at Rochester, Univ. of Rochester, 1960, p. 443; V. S. Barashenkov et al., Nucl. Phys., 14, 522, 1960.

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I. A.

VOVENKO, A. S., KULAKOV, B. A., LIKHACHEV, M. F., MATULENKO, Yu. A., LYUBIMOV, L. L., SAVIN, I. A., SMIRNOV, E. V., and STAVINSKIY, V. S.

"Elastic Scattering of π^+-Mesons on Hydrogen on the 180° Angle"

Report presented at the Intl. Conference on High Energy Physics, Geneva, 4-11 July 1962

Joint Institute for Nuclear Research
Laboratory of High Energies, Dubna, 1962

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOVENKO, A.S.; KULAKOV, B.A.; LIKHACHEV, M.F.; MATULENKO, Yu.A.; SAVIN, I.A.; STAVINSKIY, V.S.

Cherenkov gas counters. Usp. fiz. nauk 81 no.3:453-506 N '63. (MIRA 16:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOVENKO, A.S.; GUS'KOV, B.N.; LIKHACHEV, M.F.; LYUBIMOV, A.L.; MATULENKO, Yu.A.; SAVIN, I.A.; STAVINSKIY, V.S.

Elastic scattering of $\pi^{\pm}$-mesons on protons at an angle of 180° at high energies. Pis'. v.red. Zhur. eksper. i teoret. fiz. 2 no.9:409-413 N '65. (MIRA 18:12)

1. Ob"yedinennyy institut yadernykh issledovaniy. Submitted September 15, 1965.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

ACC NR: AP6000736

18.

cross section, but to a deterioration of the background conditions as a result of the smaller spatial separation of the recoil protons from the beam particles. It was therefore required to apply more rigorous criteria for the selection of the backward elastic-scattering events than earlier. The effective c.m.s. solid angle of the set-up, calculated by the Monte Carlo method with account of the Coulomb scattering of the particles, was 3.87×10^{-3} sr for 4.10 Gev/c and 3.04×10^{-3} sr for 4.85 Gev/c. The effective cross sections, corrected for the nuclear interaction of the primary and back-scattered π^+ mesons and the recoil proton in the hydrogen target and in the counters, for the muon contamination of the beam, for decay of the scattered pion, for the efficiency of the scintillation counters and the electronic circuitry, and for the efficiency of the spark chambers, were (99 ± 12), (74 ± 11), and (37 ± 12) μb/sr for 3.15, 4.10, and 4.85 Gev/c, respectively. The previously deduced existence of a narrow peak of appreciable magnitude in the differential cross section of elastic π^+p backward scattering at 3.15 Gev/c is confirmed. Authors thank V. Birulev, T. Dobrovol'skiy, A. Zagorodnyi, I. Kakurin, V. Perevozchikov, and N. Chernyshov for help with the work, V. Kochkin for compiling the program and performing the computations, the proton synchrotron crew for stable operation of the accelerator, and the operating staff of the cryogenic division for supplying the liquid hydrogen. Orig. art. has: 1 figure, 1 formula, and 1 table.

SUB CODE: 20/ SUBM DATE: 15Sep65/ OTH REF: 002

HW

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.D.

Development and adoption of technically justified standards.
Tekst.prom. 19 no.1:61-63 Ja '59. (MIRA 12:1)

1. Direktor rezino-tkatskoy fabriki No.2 Mosgorsovnarkhoza.
(Weaving--Standards) (Rubberized fabrics--Standards)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.D.

I2114 sheet-bending with a turnable bending beam. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.2:23-25 '63. (MIRA 16:2)

(Bending machines)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I. F.

PA 2/49T25

USSR/Engineering May 48
Excavating Machinery
Pumps, Hydraulic

"Practice of the Application of Hydraulic Mechanisms for Control in Excavators," I. F. Savin, Engr, VNII Stroydormash, 4 pp

"Mekh Stroi" No 5

Describes principle of pump and nonpump hydraulic-control systems. Gives details of pump system fitted to Soviet excavator D-107; stresses advantages, and urges greater degree of standardization.

[redacted] 2/49T25

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I. F.

Excavating machinery

Piston shock absorbers for smooth turning of excavator E-505.
I.F. Savin., Mekh. stroi., 9, no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress,
April, 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I. F., Eng.

Clutches (Machinery)

Pneumatic clutch with axial engagement. Mekh. stroi. 9 no. 6 15-19 Je 1952.

Monthly List of Russian Accessions. Library of Congress, September 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

1. Savin, I.F. (Eng.)

2. USSR (600)

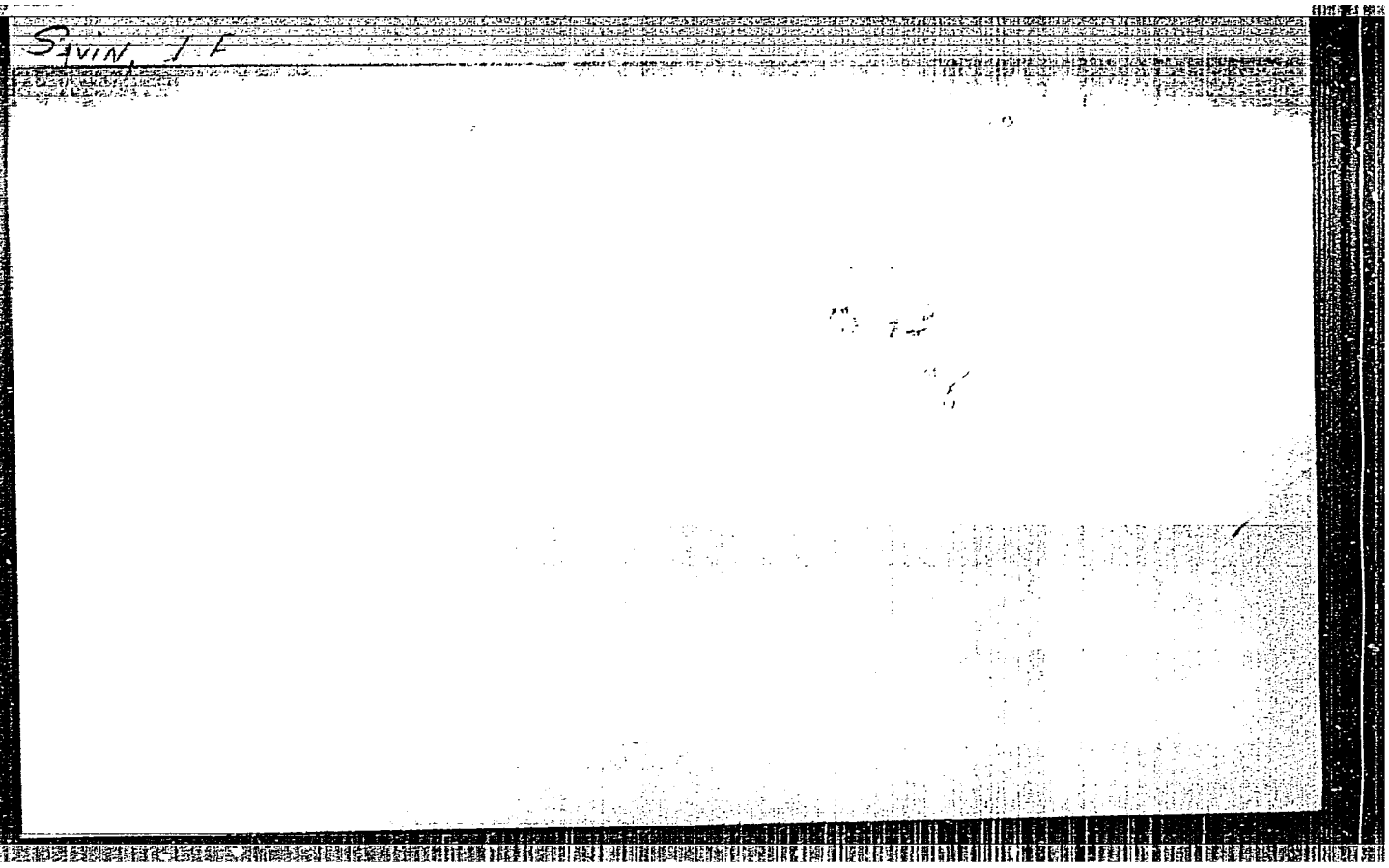
4. Hydraulic Machinery

7. PGA-1 mobile, hydraulic unit. Mekh. stroi. 9 no. 11, 1952.

9. Monthly List of Russian Accessions. Library of Congress, March 1953, Unclassified.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3



APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

PONOMARENKO, Yu.F.; ROGOV, A.Ya.; SAVIN, I.F., inzh., retsenzent;
TUCHKOVA, L.K., inzh., red.

[Radial-flow piston high-torque hydraulic engines] Radial'no-porshnevye vysokomomentnye gidromotory. Moskva, Mashinostroenie, 1964. 234 p. (MIRA 17:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOSHCHININ, A.I.; SAVIN, I.F.

[Hydraulic and pneumatic systems of construction and road machinery] Gidravlicheskie i pnevmaticheskie ustroistva na stroitel'nykh i dorozhnykh mashinakh. Moskva, Mashinostroenie, 1965. 451 p. (MIRA 18:4)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

AZBEL', S.M.; ZAIKIN, M.I.; KRYUKOV, P.I.; SAVIN, I.M.; NOVIKOV, V.F., inzh., retsenzent; KHARLAMOV, P.G., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Repair of failures of the ChME2 diesel locomotive] Ustranenie neispravnostei teplovoza ChME2. Moskva, Transzheldorizdat, 1963. 53 p. (MIRA 16:5)
(Diesel locomotives--Maintenance and repair)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOVENKO, A.S.; GRACHEV, A.G.; LIKHACHEV, M.F.; MATULENKO, Yu.A.; SAVIN, I.S.; SYUY YUN-CHAN [Hsu Yung-ch'ang]; KHE YUAN'-FU [Ho Yuan-fu]

Elastic scattering of positive 3.2 Gev./sec. π-mesons by protons. (MIRA 18:5)
IAd. fiz. 1 no.4:681-686 Ap '65.

1. Ob"yedinennyy institut yadernykh issledovaniy.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.Ye., mekhanik putevykh mashin; VASIL'YEV, A.Ya., mekhanik putevykh mashin; KUZNETSOV, M.G., inzh. po mekhanizatsii

Need for the modernization of gondola cars. Put' i put.khoz. 7 no.9:47 '63. (MIRA 16:10)

1. Stantsiya Prokop'yevskaya Zapadno-Sibirskoy dorogi.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.V.

Reliable pipe tongs. Mash. i neft. obor. no.7:6-7 '63. (MIRA 17:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut neftyanogo mashinostroyeniya.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

LEONOV, L.M.; SAVIN, I.V.; LUTOKHIN, D.I.; SMIRNOV, V.I.

Smelting raw charges with a high zinc content. TSvet. met. 36 no.1:16-21 Ja '63. (MIRA 16:5)
(Copper--Metallurgy) (Zinc)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.V., inzh.

Automatic wrenches used for screwing thread joints. Mashinostroitel' no.2:7-11 F '58. (MIRA 11:3)
(Screwdrivers)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

AUTHOR: Savin, I.V., Engineer 117-58-6-27/36

TITLE: The Pressing of Steel in the Process of Crystallization (Pressovaniye stali v protsesse kristallizatsii)

PERIODICAL: Mashinostroitel', 1958, Nr 6, p 40 (USSR)

ABSTRACT: The pressing of molten steel, which is cast in a metal die, is a modern method in metallurgy. The details manufactured by this process are footstep bearings for turbine drills (Figure 1), milling cutters for drilling chisels (Figure 2), etc. During pressing the metal is formed and the steel crystallizes under pressure. The structure of the pressed metal is characterized by a homogeneity which is higher than that in cast, forged or rolled metal. In the table, the mechanical properties of steel 35 from which footsteps bearings are made are compared with pressed steel. The consumption of molten steel for the manufacture of one bearing is only one fourth when pressing is used, than it is in the former machining method. The speed of production is 15 times faster. The new technological process is to be used on a broad scale. There are 2 figures and 1 table.

1. Steel-Pressing 2. Crystallization processes-Application

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

Sov/93-58-7-6/17

AUTHOR: Savin, I.V.

TITLE: Mechanizing the Assembly, Disassembly, and Testing of Turbodrills (Mekhanizatsiya rabot pri sborke, razborke i ispytanii turboburov)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 7, pp. 24-30 (USSR)

ABSTRACT: The author states that the lack of assembly, disassembly, and testing equipment at the turbodrill plants and repair shops leads to frequent turbodrill breakdowns at the oilfields. Tests conducted at the former Saratovburneft' Drilling Trust have disclosed that suitable coupling of the threaded joints will prolong the service of turbodrills. Giprogeftemash has designed assembly jigs and mechanical wrenches which mechanize the assembly and disassembly of turbodrills. This type of equipment has been installed at the Kishlinskiy, Kuguzr, Pavlovskiy, Krasnodar, and Groznyy plants as well as at the Balakleya and Borislav drilling departments. A general view of the assembly and disassembly jigs is presented in Fig. 1. The jig for assembling turbodrill rotors and the mechanical wrench are shown in Fig. 2. The mechanical wrench is shown in Fig. 3. The mechanical wrench is equipped with a pressure-regulating valve which maintains the necessary air compression for the threaded joint coupling at the desired torque. Table 1 presents pressure and torque specifications for the coupling of threaded joints. These specifications were set up by the former Volgoburneft' Drilling Trust and are published in the Turbodrill Handbook

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

Mechanizing the Assembly (Cont.) Sov/93-58-7-6/17

(Spravochnik po turboburam), 1956, p. 13. Figs. 4 and 5 show the clamps used in the coupling of threaded joints. Fig. 6 is a diagram of the jig for the assembly and disassembly of turbodrills showing the P-321 starter and the heater, which is fed by an STE-34 welding transformer. The test benches will be equipped with devices for determining the torque moment on the turbodrill shaft at maximum fluid consumption and shaft revolutions in accordance with H782-55 and H696-55 specifications. The conference of December 10-14, 1957, which was held in Moscow in order to discuss the problems of designing, producing, and introducing new types of equipment for deep well and exploratory drilling, approved the new equipment for the assembly, and disassembly of turbodrills. The Gosplan of the RSFSR requires that lot-type production be used for the manufacture of mechanical wrenches. There are 6 figures and 1 table.

Card 2/2 1. Drilling machines--Operation

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.V.

Machines for screwing threaded joints. Izobr. i rats. no.8: 17-19 Ag '58. (MIRA 11:9)
(Fastenings)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

ABERMAN, L. O.; SAVIN, I. V.

Safety pipe wrenches. Mashinostroitel' no.12:21 D '62.
(MIRA 16:1)

(Wrenches)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.V., inzh.

Pipe wrench with an automatic catch. Bezop.truda v prom. 6 no.8:35 Ag '62. (MIRA 16:4)

(Wrenches)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.V.

Trapezoidal thread rolling with a threading die on screw-cutting lathes. Mash. i neft. obor. no.1:39-41 '64 (MIRA 17:7)

1. Gosudarstvenyy nauchno-issledovatel'skiy i proyektnyy institut neftyanogo mashinostroyeniya.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, I.V.

A.D. Geraskin's thread-rolling head. Mashinostroitel' no.6:24 Je '64. (MIRA 17:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

AID P - 4789

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 16/24

Author : Savin, I. E.

Title : Speed-up cutting metal operations

Periodical : Stan. i. instr., 3, 36-37, Mr 1956

Abstract : The author describes new cutters, one designed by V. N. Gordyayev of the "Krasnoye Sormovo" plant (Gor'kiy) and the other by a turner named Karasev of the Kirovskiy Plant (Leningrad). Both these cutters are designed for faster cutting of large metal pieces. Three drawings and 2 photos.

Institution : As above

Submitted : No date

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

CZECHOSLOVAKIA / YUGOSLAVIA

LUKIC, P.; SAVIN, K.; Institute of Pharmacognosy, Pharmaceutical Faculty, Beograd.

"The Seed and the Seed Oil of Oenothera Biennis."

Prague, Ceskoslovenska Farmacie, Vol 15, No 9, Nov 66, pp 499-500

Abstract /Authors' English summary modified_7: The weight of the seeds, their content of oil, their germinating power, and chemical properties of the oil (specific weight, refraction index, saponification and iodine numbers) are discussed. The seeds examined contained 19.8% of oil as compared to 17% described in literature previously as a maximum. The oil has a high content of vitamin F and is therefore useful for treating burns, wounds, and skin lesions. 2 Tables, 5 Western, 3 Russian, 1 East German reference.

1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

MERINOV, Ivan Ivanovich, inzhener; SAVIN, K.D., inzhener, redaktor;
KHITROV, P.A., tekhnicheskiy redaktor.

[Tunnel foreman's manual] Rukovodstvo tonnel'nomy masteru.
Moskva, Gos.transp.zhel-dor. izd-vo, 1955. 211 p. (MLRA 8:11)
(Tunneling)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, Katica

(23)

Belgrade, Arhiv za farmaciju, Vol 12, No 1, 1962.

1. "The quantitative determination of codeine and Pseudoephedrine in Solutions," M. [illegible] and D. SAVIN, University Novi Sad, Faculty of Pharmacy, Belgrade; pp 1-7.

2. "A Contribution to the Quantitative Determination of the Fractions of Proteins, Glycoproteins, and Lipoproteins in the Serum of Kidney Patients," M. [illegible], D. ROSIC, D. SOVILJ, and K. SAVIN, Institute of the Biochemical Laboratory, Faculty of Pharmacy, Belgrade; January 1962; Russian, English, German abstracts; pp 9-10.

3. "A Contribution to the Determination of the Protein Fractions of Human Blood Serum," Z. [illegible], M. [illegible], and K. SAVIN, Institute of the Biochemical Laboratory, Faculty of Pharmacy, Belgrade; pp 11-13.

4. "Toxicity in Pharmacy," M. [illegible] and K. SAVIN; pp 15-24.

5. "The Significance of Enzyme Determination in Modern Diagnostics," R. [illegible], Faculty of Pharmacy, Institute, Faculty of Pharmacology, Belgrade; pp 25-29.

6. "A Contribution of Students at Faculty of Pharmacy in Belgrade to the Study and National Exploitation of Medicinal Herbs in Our People's Republics of Serbia, Montenegro, and Macedonia," [illegible] and K. SAVIN of the Institute of Pharmacology, Faculty of Pharmacy, Belgrade; pp 29-30.

7. "Brief Study of Medical Terms as a Unit to Instruction in Pharmacology for Pharmacy Students in Serbian, Croatian, Slovenian, Macedonian, and Albanian Languages," [illegible] and K. SAVIN of the Institute of Pharmacology, Faculty of Pharmacy, Belgrade; pp 31-36.

8. "Natural Products and Antibiotics in the Soviet Pharmacopoeia, Problems 2," [illegible]; pp 37-43.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, Konstantin Dmitriyevich; LYALIN, N.B., kand.tekhn.nauk, red.; BOBROVA, Ye.N., tekhn.red.

[Engineering structures; construction and use] Iskusstvennye sooruzheniia; ustroistvo i ekspluatatsiia. Moskva, Gos.transp. zhel-dor.izd-vo, 1959. 305 p. (MIRA 12:12)
(Bridge construction) (Pipe) (Tunneling)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

MERINOV, I.I., inzh.; SAVIN, K.D., inzh., red.; USENKO, L.A., tekhn.red.

[Practices in the maintenance and repair of man-made structures] Opyt soderzhaniia i remonta iskusstvennykh sooruzhenii. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 53 p. (MIRA 14:1)
(Railroads--Maintenance and repair) (Railroad bridges)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

ARETINSKIY, V.A.; MERINOV, I.I.; ORLOV, S.P., inzh., retsenzent [deceased]; SHUL'GIN, Ya.A., inzh., retsenzent; SAVIN, K.D., inzh., retsenzent; ZELEVICH, P.M., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Manual for bridge and tunnel foremen] Spravochnik mostovogo i tonnel'nogo mastera. Moskva, Transzheldorizdat. 1963. 519 p. (MIRA 17:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, L.

Electric Heating

Electric heater for heating cylinders containing liquid chlorine. Zhil. kom. khoz. 2 no. 1:30 Ja '52

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN L.A.

KULAKOV, B. A., LIKHACHEV, M. F., MATULENKO, Yu. A., SAVIN, L. A., SMIRNOV, Ye. V. and STAVINSKIY, V. S.

"Total Cross-Sections of K^+ - Mesons with Hydrogen at the Momenta From 3, 0 to 5, 0 Gev/C"

report presented at the Intl. Conference on High Energy Physics, Geneva, 4-11 July 1962

Joint Inst. for Nuclear Research
Lab. of High Energies, Dubna, 1962

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

STANKOVIC, I.; SAVIN, Lj.

Contribution to the knowledge of biochemical changes in parathyreoprivic. Acta med. iugosl. 13 no.2:212-216 '60.

1. The Clinic for Eye Diseases, Medical Faculty, University of Belgrade.
(CATARACT exper.)
(PARATHYROID GLANDS physiol.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SOV/124-58-1-1260

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 156 (USSR)

AUTHOR: Savin, L. Ye.

TITLE: The Resistance to Transverse Displacement of a Narrow-gauge Railroad Track (Soprotivleniye sdvigu uzkokoleynogo puti)

PERIODICAL: Tr. Arkhang. lesotekhn. in-ta, 1957, Vol 17, pp 16-22

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, L. Ye.: Cand Master Tech Sci (diss) -- "Deformation of the right of way of forest narrow-gauge rail lines". Moscow, 1958. 15 pp (Min Higher Educ USSR, Moscow Forestry Engineering Inst), 125 copies (KL, No 6, 1959, 135)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, L.Ye.; TANASHEV, R.I.; KILYAKOV, A.M.; GORODETSKIY, M.S.; KAMINSKIY, R.M.; KHAR'KOV, V.I., nauchn. red.; KARAVASHKIN, S.I., red.

[Work practices of the Verkhovskiy Logging Camp] Opyt raboty Verkhovskogo lespromkhoza. Moskva, TSentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovanii po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz., 1964. 28 p. (MIRA 18:4)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, L.Ye., inzh.

Reinforcing the track of narrow-gauge railroads against creep.
Vest. TSNII MPS no. 5:40-43 Jl '58. (MIRA 11:8)

1. Arkhangel'skiy lesotekhnicheskiy institut.
(Railroads, Narrow-gauge--Track)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

MOROZOV, Stanislav Ivanovich; SAVIN, Leonid Yerofeyevich; STRASHINSKIY, V.A., red.; MYAKUSHKO, V.P., red. izd-va; SHIBKOVA, R.Ye., tekhn. red.

[New types of pavements for forest roads]Novye tipy pokrytii avtomobil'nykh dorog v lesu. Moskva, Goslesbumizdat, 1962. 76 p. (MIRA 16:1)

(Forest roads) (Pavements)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M.

Work with hybrid and certified corn seeds in Moldavia. Muk.-elev. prom. 25 no.8:4-6 Ag '59. (MIRA 13:1)

1. Nachal'nik Glavnogo upravleniya khleboproduktov pri Sovete Ministrov Moldavskoy SSR.
(Moldavia--Corn (Maize))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M., kand.tekhn.nauk; TEPLOV, A.

Prestressed reinforced concrete framed roof members. Bud.mat. i konstr. 1 no.1:3-7 O '59. (MIRA 13:8)

1. Glavnyy inzhener tresta "Leskhimpromstroy" (for Teplov).
(Roofs, Concrete)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M.

For high-quality seed corn. Muk.-elev. prom. 26 no. 11:6-7 N '60. (MIRA 13:11)

1. Nachal'nik Glavnogo upravleniya khleboproduktov pri Sovete Ministrov Moldavskoy SSR.
(Corn (Maize))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

KHOKHOLEV, K. [Khokholiev, K.], inzh.; SAVIN, M., inzh.; SHNEYDER, V., inzh.

Floor slabs made of slag foamed concrete. Bud. mat. i konstr. 4 no.1: 22-24 Ja-F '62. (MIRA 15:7)
(Floors, Concrete) (Lightweight concrete)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VITKOVSKIY, O.V., kand. geogr. nauk, red.; MEDVEDKOV, Yu.V., kand. geogr. nauk, red.; SAVIN, M.A., kand. biol. nauk, red.; SAMYLINA, S.I., tekhn. red.

[Collection of articles on geography] Geograficheskii sbornik. Moskva, Proizvodstvenno-izdatel'skii kombinat VINITI, 1963. 242 p. (MIRA 16:4)

1. Akademiya nauk SSSR. Institut nauchnoy informatsii.
(Geography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

1. SAVIN, M. A., Eng.

2. USSR (600)

4. Mine Hoisting

7. Experience in using a hydroelectric drive with low voltage synchronous electric motors in mine hoisting machines. Prom. energ. 10, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

1. SAVIN, M.A.

2. USSR (600)

4. Electric Engineering - Safety Measures

7. Remarks to V.I. Korol'kovaia's book "Safety measures for electricity in industrial enterprises.", Eng. M.A. Savin. Prom.energ. 10 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M.A.; KISELEV, M.I.; YERMAKOV, A.S.

Revision of "Safety regulations." Prom.energ. 12 no.1:7-10 Ja '57. (MLRA 10:2)

1. Energosbyt Leningradskoy elektroenergeticheskoy sistemy (for Savin) 2. Zavod "Sibelektrostal'" (for Kiselev) 3. Sverdlovskiy podshipnikovyy zavod (for Yermakov).
(Electric engineering--Safety measures)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN

ALEKSANDROV, A.A.; SAVIN, M.A.; PEREL'MAN, Ya.V.

"Protective grounding in electric installations" by M.R. Naifel'd. Reviewed by A.A. Aleksandrov, M.A. Savin, IA.V. Perel'man. Prom.energ. 12 no.1:36-37 Ja '57. (MLRA 10:2)

1. Glavnyy energetik zavoda "Elektrosila" (for Aleksandrov) 2. Inspektor Energoinspektsii Energosbyta Leningradskoy elektroenergeticheskoy sistemy (for Savin) 3. Chlen Vsesoyuznogo nauchnogo inzhenerno-tekhnicheskogo obshchestva energetikov (LONTOEP) (for Perel'man).
(Electric currents--Grounding)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VOLGIN, A.P.; SAVIN, M.F.; BOBROVA, L.F.

Experience of using direct telegraph connections in the Karelian A.S.S.R. Vest. sviazi 21 no.5:19-21 My '61. (MIRA 14:6)

1. Nachal'nik Petrozavodskoy gorodskoy kontory svyazi (for Volgin). 2. Glavnyy inzh. Petrozavodskoy gorodskoy kontory avyazi (for Savin). 3. Nachal'nik telegrafa Petrozavodskoy gorodskoy kontory svyazi (for Bobrova).
(Karelia—Telegraph)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

GUREVICH, Lev Isayevich, kand. tekhn. nauk; MATKHANOV, Vasiliy Nikolayevich, inzh.; SAVIN, M.G., inzh., retsenzent; VOL'MAN, L.N., red.

[Masters of the blue flame] Mastera golubogo ognia. Irkutsk, Vostochno-Sibirskoe knizhnoe izd-vo, 1964. 77 p. (MIRA 18:3)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M. I.

"Investigation of Questions Concerned With the Impact and the Lateral Pressure of Bridge Crane Rollers on the Subcrane Beam." Cand Tech Sci, Central Sci Res Inst of Industrial Structures, Moscow, 1955. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (15)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

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SAVIN, M. I.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Fuels and Carbonization Products

(5)

Chlorination of Ukrainian brown coal. A. E. Kretov, M. I. Savin, M. I. Shenbor, and I. E. Tsvetkov (Chem. Technol. Inst., Dnepropetrovsk). *Ukrain. Khim. Zhur.* 18, 305–10 (1952)(in Russian).—Ukrainian brown coal is readily chlorinated, yielding products that are sol. in org. solvents and are reactive. The products can be used as a source of fusible resins and film-forming materials. The products range from light brown to orange and contain up to 45% Cl. Chlorination is possible in CCl_4 medium or in the presence of H_2O; in the latter case the reaction is substantially complete within 10 hrs. at 0–60° temp. range. G. M. K.

9-16-54
JJP

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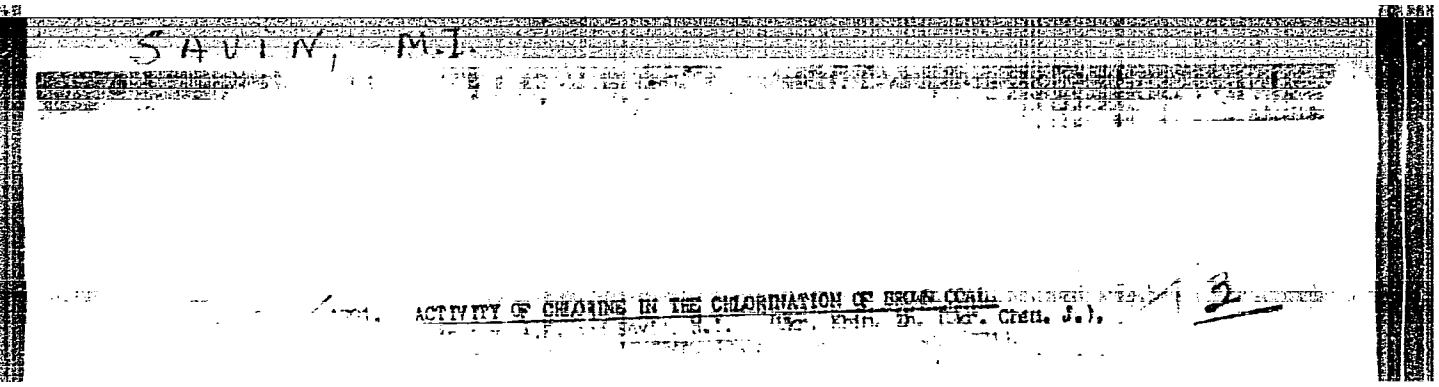

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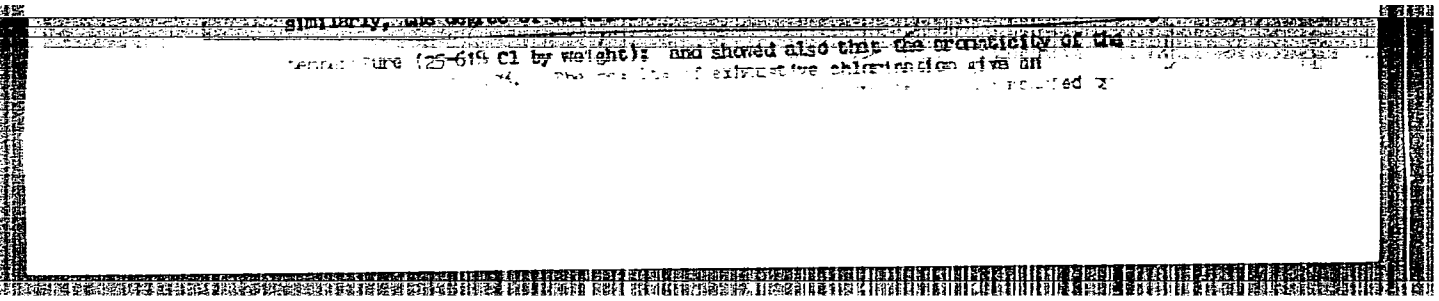

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

Savin, M.I.

USSR/ Chemistry - Organic chemistry

Card 1/1 Pub. 116 - 14/29

Authors : Savin, M. I., and Shenbor, M. I.

Title : Condensation of chlorinated coal with aromatic hydrocarbons

Periodical : Ukr. khim. zhur. 21/6, 754-756, Dec 1955

Abstract : Experiments showed that chlorinated brown coal condenses easily with aromatic hydrocarbons in the presence of $AlCl_3$. The condensation products also submit to sulfurization and nitration. A reduction of the nitro-derivatives into amines results in the formation of diazo-compounds which enter into combination reaction leading to the formation of water soluble dyes. It was shown that chlorinated brown coal can be utilized in the role of basic raw material for the derivation of new variegated chemical compounds. One USSR reference (1952).

Institution : Dnepropetrovsk Metallurgical Inst. im. I. V. Stalin

Submitted : March 28, 1955

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M.I.

SHENBOR, M.I.; KRETOV, A.Ye.; SAVIN, M.I.

Effect of organic solvents on chlorinated lignite. Ukr.khim. zhur. 22 no.4:546-549 '56. (MIRA 10:10)

1.Dnepropetrovskiy khimiko-tekhnologicheskiy institut.
(Solvents) (Lignite)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

PUKHAL'SKIY, G.V., kand. tekhn. nauk; SAVIN, M.I., kand. tekhn. nauk;
PINAYEV, I.F., inzh.

Single-layer wall panels made from local materials in the Dnieper Valley. Prom. stroi. 41 no.1:30-33 Ja '64.
(MIRA 17:6)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

PHASE I BOOK EXPLOITATION SOV/4221

Moscherkassk. Politekhnicheskiy institut

Raboty mekhanicheskogo fakul'teta (Works of the Division of Mechanics) [Novocherkassk] 1958. 201 p. (Series: Its: Trudy, Vom 90) Errata slip inserted. 2,000 copies printed.

Editorial Board: V.P. Mikhaylov (Resp. Ed.), Candidate of Technical Sciences, Docent; A.A. Pyatnitskiy, Professor; P.M. Vlasov, Candidate of Technical Sciences, Docent; I.M. Goncharov, Candidate of Technical Sciences, Docent; P.P. Klochko, Candidate of Technical Sciences, Docent; N.M. Savin, Candidate of Technical Sciences, Docent; and A.A. Kutukov (Resp. Secretary), Candidate of Technical Sciences, Docent; Tech. Ed.: P.S. Bayrator.

PURPOSE: This book is intended for technical personnel in mechanical engineering.

COVERAGE: This collection of works deals with investigations of internal combustion engines, metal cutting, gears, resistance-type strain gages, and wear of machine parts. No personalities are mentioned. References accompany several of the articles.

Iolkin, A.S. Friction in the Metal-Cutting Process 107
The author briefly reviews some of the data available on this subject and presents the results of an investigation of the effect of cutting depth and speed, feeds, and tool angles on the cutting process. He concludes that in metal cutting the molecular interaction between cutting-tool and work surfaces has a great effect on the consumption of energy and tool wear.

Derin, I.P. [Docent, Department of the Theory of Mechanisms and Machine Parts]. Load-Carrying Capacity of Toothed Gears Made of DSP-G "Dreyplastik" [Masonite-Type Material] and Working in Pairs With Steel Gears 117
The author presents a summary of results of a set of experimental investigations conducted on a specially built test installation in order to determine the effect of number of teeth, velocity ratio, and circumferential velocity on the performance of a pair of gears with one gear made of steel and the other of DSP-G "dreyplastik." The maximum circumferential unit pressure (g/cm of the tooth width) under which no appreciable wear or failure occurred was used as a criterion in determining gear load-carrying capacity.

Chudnitov, V.A. [Assistant Professor, Department of the Theory of Mechanisms and Machine Parts]. Performance of the Wire Grid of a Resistance-Type Strain Gage in a Zone of High Temperatures 131
Effect of temperature on the resistance of a strain-gage wire is investigated. Results show that the rate of change in the resistance is a function of time and heating temperature. It decreases with time and becomes stable when held for 8 hours at 150°C.

Chudnitov, V.A. Effect of the Shape of the Wire Grid of a Resistance-Type Strain Gage on the Gage Factor 139
Effects of gage base, nonparallelism of grid wires, deformation of wires and part being tested, and the number of grid loops on the gage factor are investigated. Results show that for the gage bases from 2 to 5 cm long the change in the number of loops between the limits of 6 and 18 has very little effect on the gage factor.

Savin, N.M. [Senior Instructor, Department of the Theory of Mechanisms and Machine Parts]. Ways of Improving Wear Resistance of Screw Mechanisms 159
The wear of screw mechanisms made of bronze, cast iron, and textolite with square and trapezoidal screw threads is investigated. Results show that the use of a modified cast iron bearing in place of bronze and the replacement of square threads by trapezoidal will increase the wear resistance.

Burk, A.I. [Assistant Professor, Department of Metal Technology and the Science of Metals]. A Method of Designing Hypoid Gears With Circular Tooth Form 177
The method described reduces design calculations and may be used in the design of hypoid gears with a spiral angle equal to zero.

Mansbshanov, I.G. [Assistant Professor, Department of the Theory of Mechanisms and Machine Parts]. On the Problem of Stability in the Tightening of Bolted Joints Under Variable-Load Conditions 191
The author presents the results of a theoretical investigation of the process of loosening of bolted joints subjected to vibratory loads.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M.M., starshiy prepodavatel'

Precision calculation of screw pairs. Trudy NPI 46:111-135 '58. (MIRA 13:5)

1. Kafedra teorii mekhanizmov i detaley mashin Novocherkasskogo ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta imeni S. Ordzhonikidze.
(Screws)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M. M., Cand Tech Sci -- (diss) "More precise methods of calculation of screw mechanisms and means of increasing their wear-resistance." Novocherkassk, 1960. 15 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Novocherkassk Order of Labor Red Banner Polytechnic Inst im Sergo Ordzhonikidze); 200 copies; price not given; (KL, 26-60, 137)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, Milos M.

Inland water highways in restored Serbia. I. Medun transp 8 no.6:440-442 Je '62.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, Milos

Inland water highways in restored Serbia. III. Medun transp 8 no.7:497-499 Jl '62.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, M. P. (Director of the Temnikovsk Veterinary Bacteriological Laboratory, Mordov Autonomous SSR).

"A typical form of leptospirosis in calves..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 26

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

S/089/60/008/04/06/009
B113/B017

AUTHORS: Veretennikov, A. I., Averchenkov, V. Ya., Savin, M. V., Spekhov, Yu. A.

TITLE: Gamma Radiation Occurring in U^{238} Under the Action of Neutrons of the Energy 14 Mev

PERIODICAL: Atomnaya energiya, 1960, Vol. 8, No. 4, pp. 361-363

TEXT: In the neutron interaction with U^{238} the spectrum of gamma radiation was measured in the range of from 0.4 to 2.8 Mev and the gamma quantum yield per interaction event in three samples. The measuring apparatus (Fig. 1) and the measurement process are described. The mean gamma radiation energy is 0.98 Mev. The energy resolution in measuring the gamma-spectrum was $\simeq$ 30% with E_γ = 662 kev and $\simeq$ 15% with E_γ = 2.62 Mev. The mean number of gamma quanta per interaction event $\bar{\eta}$ for σ = 2.85 barns is 6 $\pm$ 1.2. The authors thank Yu. S. Zamyatnin for discussion and V. G. Kokoulin for the preparation of the stilbene crystal. There are 3 figures and 4 references: 3 Soviet and 1 English.

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Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

Gamma Radiation Occurring in U^{238} Under the Action of Neutrons of the Energy 14 Mev

S/089/60/008/04/06/009
B113/B017

SUBMITTED: October 12, 1959

VB

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

VERETENNIKOV, A.I.; AVERCHENKOV, V.Ya.; SAVIN, M.V.; SPEKHOV, Yu.A.

Gamma spectrometer with an organic scintillator and a time selection of gamma rays. Prib. i tekh. eksp. 6 no.2:42-46 Mr-Ap '61. (MIRA 14:9)

(Spectrometer)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

S/089/61/011/002/007/015
B102/B201

AUTHORS: Veretennikov, A. I., Averchenkov, V. Ya., Savin, M. V.

TITLE: Measurement of the time distribution of gamma radiation in wood by the method of delayed coincidences

PERIODICAL: Atomnaya energiya, v. 11, no. 2, 1961, 177-180

TEXT: This paper presents results of measurements of the time distribution and the energy spectrum of gamma quanta from a point source, which were scattered in wood. Little has been published on this subject so far. The time distribution was determined at distances of 200 cm from the point source. A Co^{60} source (0.12 μc) emitting pairs of gamma quanta was fastened to wood; the scintillation detector 1 which recorded the instants of emission of quanta was placed close to the source, and its pulses were fed to a time analyzer. The second scintillation detector 2 was 200 cm away from the source, and likewise transmitted its pulses to the time analyzer. The distribution of time intervals between the two pulses was recorded. The solving time of the time analyzer was $2\tau = 2.3$ μμsec, and the mean quantum energy was about 1.25 Mev. The time distribution of gamma radiation in wood

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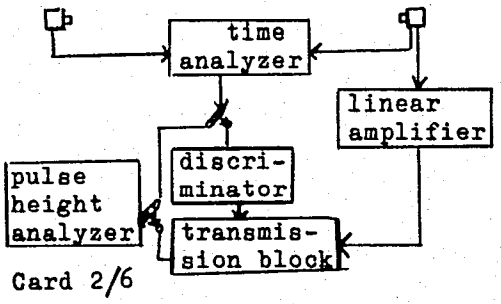
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

Measurement of the time distribution ...

is a function of the cross sections of Compton scattering, of the photo-electric effect, and of pair production. The time distributions in materials with similar atomic numbers may be assumed to differ only by a scale factor; this fact makes it possible to estimate the distribution in similar light materials from that in wood. The geometrical experimental setup is shown in Fig. 1; it was so chosen because it imitated an infinite medium best. Scintillation plastics and photomultipliers of the type ФЭУ-33 (FEU-33) were used for gamma recording. The block diagram of the measuring arrangement was as follows:



Card 2/6

Fig. 2. shows the time distribution of gamma radiation, as recorded by detector 2 (Curve 1); curve 3 shows the background of random coincidences. The zero point of the analyzer time scale was determined according to the middle of curve 2 of γ-γ coincidences without wood but under otherwise equal conditions. As may be seen, the time distribution of gamma

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

ACCESSION NR: AP4037610 S/0056/64/046/005/1906/1908

AUTHORS: Glazunov, Yu. Ya.; Savin, M. V.; Safina, In. N.; Fomushkin, E. F.; Khokhlov, Yu. A.

TITLE: Spectra of photoneutrons from platinum, bismuth, lead, and uranium

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1906-1908

TOPIC TAGS: photoneutron, neutron spectrum, gamma neutron reaction, platinum, bismuth, lead, uranium

ABSTRACT: The photoneutron spectra from platinum, lead, bismuth, and uranium were measured with a linear accelerator by the time-of-flight method. Targets of natural isotopic composition were bombarded by 16MeV electrons. The neutrons were counted by a fission chamber located 35 meters from the target at 90° to the electron beam. In the photoneutron spectra from bismuth and lead, two groups

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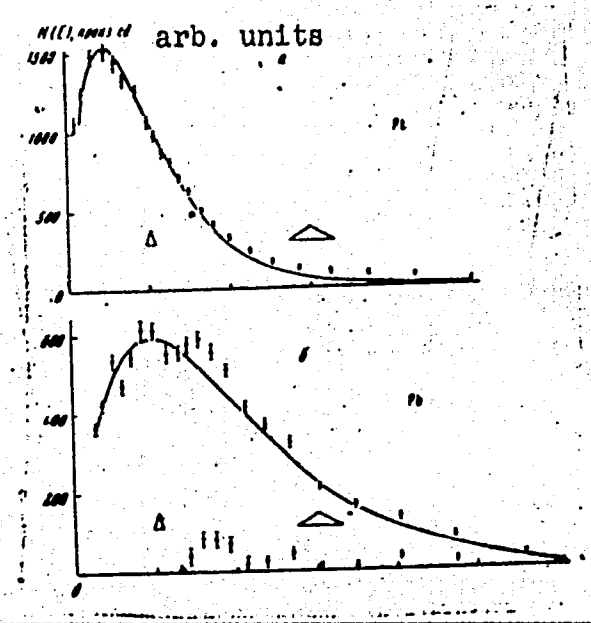
ACCESSION NR: AP4037610 ENCLOSURE: 01

Energy distributions of photoneutrons for Pt and Pb



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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, N., inzhener-elektrik.

Acoustical method of locating the damaged place in cable lines.
Zhil.-kom.khoz. 6 no.4:12-13 '56. (MLRA 9:8)
(Electric cables)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, N., starshiy prepodavatel'

Economic effectiveness indices of seagoing ships. Mor.flot 21 no.3:3-5 Mr '61. (MIRA 14:6)

1. Vyssheye voyenno-inzhenernoye morskoye uchilishche.
(Merchant marine)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, Nikolay Ivanovich; PUSTOVIY, P.V., inzh., retsenzent;

BASEVICH, V.V., inzh., retsenzent; KOLESNIKOV, V.G., inzh., red.; KSENOFONTOVA, Ye.F., red. izd-va; LAVRENOVA, N.B., tekhn. red.

[Planning marine passenger traffic]Planirovanie morskikh passazhirskikh perevozok. Moskva, Izd-vo "Morskoi transport," 1962. 201 p. (MIRA 15:10)
(Merchant marine—Passenger traffic)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, N., starshiy prepodavatel'

Method of determining the cost of freight and passenter transportation on freight and passenger ships. Mor. flot 22 no.2: 7-10 F '62. (MIRA 15:4)

1. Vyssheye voyenno-inzhenernoye morskoye uchilishche.
(Freighters--Passenger traffic) (Merchant marine--Cost of operation)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SUKHOTSKIY, V.I., dotsent; SAVIN, N.I., starshiy prepodavatel'

Improving passenger sea rates. Ekon. i ekspl. mor. transp. no.1:29-32 '63. (MIRA 17:8)

1. Odesskiy institut inzhenerov morskogo flota (for Sukhotskiy).
2. VVIMU (for Savin).

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, N.I., starshiy prepodavatel'

Passenger traffic operation indices. Ekon. i ekspl. mor. transp. no.1:36-40 '63.

Special features of the distribution of expenditures among the basic and auxiliary functions of a cargo-passenger ship. Ibid.:40-42 (MIRA 17:8)

1. VVIMU.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, N.I.

Methods of calculating the economic efficiency of using low-alloy steels in merchant ship building. Sudorem. i sudostr. no.2: 204-210 '63. (MIRA 17:4)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

SAVIN, N., kand.tekhn.nauk, starshiy prepodavatel'

System of indices and work gauges in the passenger fleet. Mor. flot 23 no.6:8-10 Je '63. (MIRA 16:9)

1. Vyssheye voyenno-inzhenernoye morskoye uchilishche.
(Merchant marine--Passenger traffic)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447330006-3

TERZIYAN, P.G.; SAVIN, N.M.

Maintenance of 500-ton furnace hearth bottoms. Metallurg 5 no.9:17-19 S '60. (MIRA 13:8)

1. Rukovoditel' issledovatel'skoy gruppy TSentral'noy zavodskoy laboratorii Alchevskogo metallurgicheskogo zavoda (for Terziyan).
2. Starshiy master martenovskogo tsekha Alchevskogo metallurgicheskogo zavoda (for Savin).
(Open-hearth furnaces--Maintenance and repair)

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